RMS ACOUSTICS

Model

C4PoE

PoE++
Single 4" Coaxial Point Source
Active 2-way

Key Features:

PoE++ Powered
Dante™ 2 Channel Input
Compact, highly versatile enclosure
High fidelity, Impressive output for size
80° conical directivity
2-way Active amplified enclosure

Applications:

Light foreground sound reinforcement
Restaurant sound systems
Arrayed installations
Installed front fills
Conference rooms

The C4PoE++ is a compact, high performance, multipupose loudspeaker employing a premium 4" coaxial device with an integrated 1" compression driver, powered by an advanced PoE++ amplifier, with robust digital signal processing, and 2 channel Dante™ digital audio input.

Its compact enclosure design and comprehensive range of mounting and deployment accessories make it an excellent choice for rapid deployment to almost any application, from conference rooms, to front fills, to restaurant installations.

The C4PoE++ delivers impressive SPL output, yielding highly capable sound reinforcement from a compact and versatile package. Its impressive fidelity makes it perfectly compatible with the larger C12, M12X, M15X, and LA28 loudspeaker systems.

The C4PoE++ cabinet features an impact resistant polyurethane paint finish. The loudspeaker system is available (optional) as weatherized, white, or custom colors. The weatherized option provides an IP54 rating.

System Specifications:

SYSTEM::

Frequency Range (-10dB) ^1	95 Hz - 20 kHz	Internal 100Hz High pass filter 0dB point taken at 1000Hz, Processed
Frequency Response (+/-3dB)	110Hz - 17 kHz	Internal 115Hz High pass filter 0dB taken at 1000Hz, Processed
System Sensitivity (1w, 1m)^2	86dB	Measured on LF band, average SPL over 500 to 2 kHz region. HF Sensitivity significantly higher
Maximum SPL Continuous (1m)	102dB	105 Hz - 18 kHz
	100dB	85 Hz - 20 kHz
Maximum SPL Peak (1m)	107dB	105 Hz - 18 kHz
	102dB	85 Hz - 20 kHz
Long Term Power Rating (IEC)^3	FR	PoE++, PoE+
Long Term Power Rating (AES)^4	FR	N/A
Nominal Coverage Pattern		80° Horizontal x 80° Vertical (Standard) -6dB Isophase
System Crossover		1500 Hz
Transducer		Full Range Coaxial Driver, 4" Neodymium Coaxial Cone Loudspeaker

PHYSICAL:

Input Connectors		Single RJ45 (Optional Weatherized RJ45 with All Weather version)
Enclosure Materials		12 and 15mm Birch Hardwood Ply 1.3mm layers
Grille Materials		Aerospace Aluminum, Hexagonal pattern, Epoxy powder coat, Acoustically transparent black foam backing
Finishes		Black finish (Standard) Polurethane textured spray
		Additional Finishes available - See Options Below
Suspension and Mounting		Proprietary internal, captive rigging
Rigging Hardware	C4B	Horizontal U bracket specific to C4, ordered separately
	Wallmount-S	RMS-ACOUSTICS wall mount small, ordered separately
Dimensions		5.5" w x 6" d x 8" h (140 mm x 153 mm x 203 mm)
Weight		5 Lbs (2.27 kg) Net
Ordering Options	C4PoE	-BK (Standard Black)
Finish Options		-X (Weatherized), -W (White), -C (Custom Color) Upcharge applies (RAL specified color available as custom option, use -C(RAL) part number when ordering)
Optional Accessories	STAND1	Loudspeaker stand adapter 35mm
	EYEBOLT ¼-20	1/4-20 Eye Bolt Suspion Eye
	C4B	Horizontal U Bracket for C4PoE

Free field, semi anechoic conditions. To compare with half space measurements, add 6dB to maximum output specifications.
1. Full Space, 4pi conditions
2. Measured Maximum SPL, based on power compression observation of 3dB
3. IEC Shaped pink noise with 6dB Crest Factor
4. AES Standard AES2-2012, one decade pink noise with 6dB Crest factor within device's applicable operating band, free air. Standard AES 2 hr rating are specific for low frequency transducers.